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REMARKS

Applicant has carefully studied the outstanding Office Action. The present response is intended to be fully responsive to all points of rejection raised by the Examiner and is believed to place the application in condition for allowance. Favorable reconsideration and allowance of the application is respectfully requested.

Status of the Claims

Claims 1 – 3 and 5 – 36 remain in the application.

Allowable Subject Matter

Applicants note the allowance of claims 1 – 3, 5 – 14, and 19 – 36.

Applicants also note the indication of allowable subject matter in claims 16 and 18.

Claim Objections

Claims 16 and 18 have been objected to for being dependent from rejected independent claims. As explained below, Applicants respectfully assert that claims 15 and 17 are allowable and therefore their respective dependent claims are likewise allowable.

35 USC 102 Rejections

The Examiner has rejected claims 15 and 17 under 35 U.S.C. 102(b) as being anticipated by Meinzer (U.S. Patent No. 5,012,200). Applicants respectfully traverse these rejections in view of the remarks that follow.

Applicants respectfully disagree with the Examiner's statement that "the amplitude can be modified by changing the shunt values." In Fig. 2a, Meinzer shows schematically "a conventional so-called outphasing modulator" (col. 4, lines 7-8). In Fig. 4a, Meinzer shows "an amplifier system ... comprising three amplifier channels with amplifiers A, B, and C individually connected to the respective impedance inverter circuit A', B' and C'. The so-formed amplifier impedance inverter series units are connected in parallel with each other between an output load and a control network 8. ... one of the three amplifier channels does not carry any reactive current." (col. 4, lines 54-68).

Changing the shunt values will not result in "modifying the amplitude of an input signal to an outphasing system", as recited in claim 15. Nor will changing the shunt values result in

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"modifying the amplitude of input to at least one of two branch amplifiers of an outphasing system", as recited in claim 17. Rather, changing the shunt values will affect the amplitude of the output signal of the outphasing system. In particular, it is expected that the peak in Fig. 5a will move to a different phase angle and the peak in Fig. 5b will move to a different voltage, if the shunt values are changed.

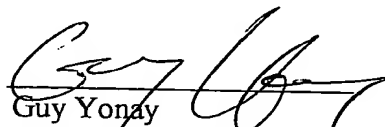
It is well established that in order to successfully assert a *prima facie* case of anticipation, the Examiner must provide a single prior art document that includes every element and limitation of the claim or claims being rejected. Therefore, if even one element or limitation is missing from the cited document, the Examiner has not succeeded in making a *prima facie* case.

Meizner fails to teach all the limitations of claims 15 and 17, and therefore the Office Action has failed to establish a *prima facie* case of anticipation.

In view of the preceding remarks, Applicants respectfully request that the rejections of claims 15 and 17 be withdrawn.

Should the Examiner have any question or comment as to the form, content or entry of this Response, the Examiner is requested to contact the undersigned at the telephone number below. Similarly, if there are any further issues yet to be resolved to advance the prosecution of this application to issue, the Examiner is requested to telephone the undersigned counsel.

Respectfully submitted,


Guy Yonay
Attorney for Applicant(s)
Registration No. 52,388

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Eitan, Pearl, Latzer & Cohen Zedek, LLP.
10 Rockefeller Plaza, Suite 1001
New York, New York 10020
Tel: (212) 632-3480
Fax: (212) 632-3489